

Simulation Based Acquisition:

Educating the Workforce



Presented by Mr. Dave Brown
Defense Systems Management College

At Chesapeake Chapter Dinner Meeting

Wednesday, April 18, 2001, 6pm

@ Buddy's Crabs & Ribs in Laurel
(Directions attached)

As our chapter continues to investigate new technologies and processes that face Systems Engineering, we are privileged this month to have Dave Brown discuss Simulation Based Acquisition (SBA). SBA is a revolutionary acquisition initiative that emphasizes Modeling & Simulation as a primary tool applied and sustained throughout the product life cycle. This allows for product validation before production begins - early identification and mitigation of program risks. SBA represents a major paradigm change in culture, process and environment. Mr. Brown will discuss how SBA is taught to and understood by our defense customers.

Mr. Brown is a Professor of Systems Engineering at the Defense Systems Management College where he has been a faculty member for 3 ½ years. He recently retired from the U.S. Navy with over 22 years of operational and acquisition assignments. His acquisition experience includes Deputy Director of A-6 flight test at the Naval Air Test Center, AFX Lead Propulsion Engineer, Section Head for Tactical Engines at the Naval Air Systems Command and Propulsion Systems IPT Leader for the Joint Strike Fighter. Professor Brown has a B.S. in Systems Engineering from the U.S. Naval Academy, an M.S. in Aeronautical Engineering from the Naval Postgraduate School, and is currently pursuing a Doctorate in Information Technology at George Mason University. He developed the Advanced Unmanned Ground Vehicle (AUGV) as a hands-on method of learning system development and acquisition for students taking the Advanced Program Management Course (APMC) at DSMC. This highly successful concept is now used at other government and civilian universities.

Dinner: Our dinner for the evening will be mini-crab cakes, crab stuffed mushrooms, crab dip with french baguette slices, garden and pasta salads, broiled salmon with horseradish sauce, and NY style cheesecake, served buffet style.

Reservations: To reserve a meal, contact Ed Cobb at 410-765-4853 or Cobb.Ed@myself.com. Dinner cost: \$21 if payment is received by **Monday, April 16**; \$24 thereafter. Mail checks to Ed Cobb, 10 Tucker Street, Annapolis, MD 21401-1337. To avoid liability for payment, cancellations must be received by the reservations cutoff date.

If you have any other questions, contact: Joan Nolan, 410-765-5358, joan_e_nolan@mail.northgrum.com.

Our Evening's Agenda

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| • 6:00 | Dinner Starts |
| • 6:45 – 7:00 | Chapter Business Items |
| • 7:00 – 8:00 | SBA, Dave Brown |
| • 8:00 | Adjourn (unless the Questions and Answers continue) |

Buddy's Crabs & Ribs:
14707 Baltimore Avenue (Route 1)
Laurel, MD 20707
301-617-9265

(Across the street from the Laurel Mall)

Directions:

From Washington, DC:

Take the Baltimore-Washington Parkway (Route 295) North to Route 197 West. Turn left off the exit ramp. Continue approximately 2 miles and turn left onto Cherry Lane. Turn right onto Route 1 North. Turn right into the mini-mall on the right. Dry Clean Depot is also in this complex. If you pass Burger King on the left, you've gone too far.

From Baltimore:

Take the Baltimore-Washington Parkway (Route 295) South to Route 197 West. Turn right off the exit ramp. Continue approximately 2 miles and turn left onto Cherry Lane. Turn right onto Route 1 North. Turn right into the mini-mall on the right. Dry Clean Depot is also in this complex. If you pass Burger King on the left, you've gone too far.